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G R O U P

# Photo Simulations



**North Acton, MA**

820 Main Street  
Acton, MA



April 20, 2006  
Planning Board - Town of Acton  
Town Hall  
472 Main Street  
Acton, MA 01720

Re: **820 Main Street, Acton, MA / Proposed 120' Telecommunications Tower**

Members of the Board:

**Balloon Test:**

On Saturday, April 1, 2006, Structure Consulting Group (SCG) conducted a balloon test at the above-referenced locale from 9:00 AM to 1:00 PM as requested. An orange weather balloon, 5.5' in diameter, was flown at 120' from a clearing at the proposed tower site, which is staked. The balloon launch was witnessed by Steven Bozkurtian (SCG), James Valeriani (Counsel to Verizon Wireless) and Kyle Winter (SCG). The balloon was personally manned by SCG for the duration of the exercise.

**Conditions:**

Weather conditions were partly cloudy at the start, with clouds clearing midway through the test. There were consistent light winds of about 10 to 15mph, with occasional gusts of approximately 30mph. There were no interruptions in the flight of the balloon during the test.

**Viewshed Analysis:**

The surrounding area was driven by a Structure Consulting Group representative to determine visibility of the balloon. Photographs were taken from multiple locations, including specific locations requested by the Board as indicated below:

**Areas driven where tower is visible:**

- 820 Main Street
- 836-838 Main Street
- Inn at Robins Brook complex
- North Acton Recreation Area (NARA)
- Main Street & Ledge Rock Way
- Northbriar Road Neighborhood (Northbriar Road & Main Street)

**Areas driven where tower is not visible:**

- Main Street South of Quarry Road
- Main Street North of Carlisle Road
- Sawmill Road
- Kate Drive
- Till Drive
- Milldame Road

Please reference the attached analysis.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kyle Winter".

Kyle Winter  
Structure Consulting Group for Verizon Wireless  
43 White Street – Suite 4  
Belmont, MA 02478  
Office: 617 489-7211 ext. 13  
Fax: 617 489-7209

# Photo Simulations



## North Acton, MA

820 Main Street  
Acton, MA

Prepared for:

**Verizon Wireless**

Prepared By:

**Structure Consulting Group**

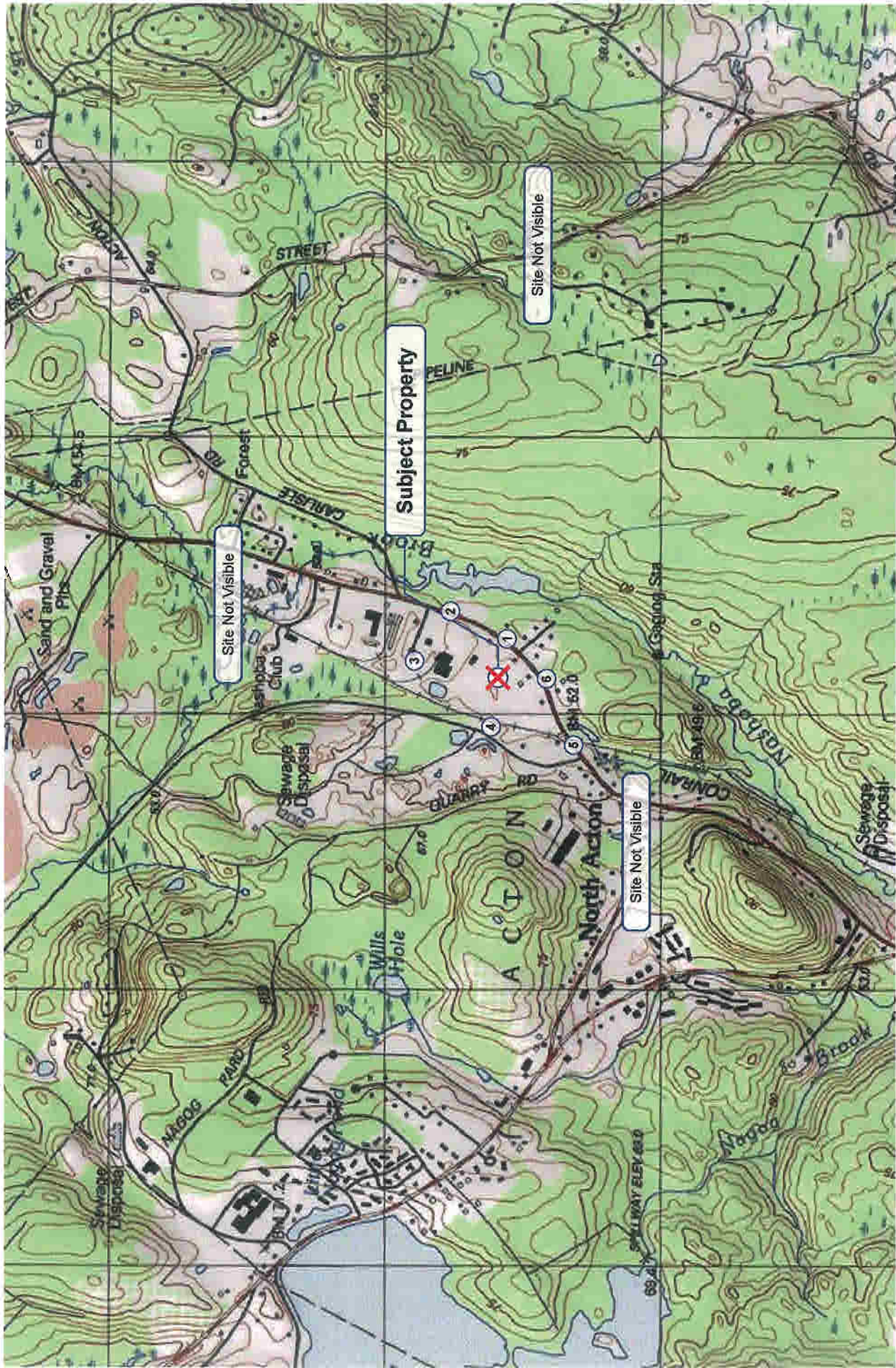
43 White Street, Suite 4  
Belmont, MA 02478

**Note:** *These photo simulations are intended to represent modifications relative to a person observing the aesthetics of the proposed telecommunications installation. Therefore, they are inherently approximate in nature and should not be used as an exact, scaled, engineering drawing.*

 Indicates direction of view relative to north (always top)







**Subject Property:** Site of proposed VZW monopole - 820 Main Street, Acton, MA.







**1-A.**

**Before:** View from Main Street, east of subject property, showing balloon flown at 120'.  
Photo taken 04.01.2006.





**1-B.**

**After:** View from Main Street, east of subject property, showing proposed VZW 120' monopole.  
Photo taken 04.01.2006.

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2-A.

Before: View from 836-838 Main Street, northeast of subject property, showing balloon flown at 120'.  
Photo taken 04.01.2006.





**2-B.** After: View from 836-838 Main Street, northeast of subject property, showing proposed VZW 120' monopole.  
 Photo taken 04.01.2006.







**Before:** View from Inn at Robins Brook complex (880 Main Street), north of subject property, showing balloon flown at 120'. Photo taken 04.01.2006.



3-A.



3-B.

After: View from Inn at Robins Brook complex (880 Main Street), north of subject property, showing proposed VZW 120' monopole. Photo taken 04.01.2006.







**4-A.**

**Before:** View from Recreation Area, west of subject property, showing balloon flown at 120'.  
Photo taken 04.01.2006.





**4-B.** After: View from Recreation Area, west of subject property, showing proposed VZW 120' monopole.  
Photo taken 04.01.2006.







**5-A.**

**Before:** View from Ledgerock Way and Main Street, southwest of subject property, showing balloon flown at 120'. Photo taken 04.01.2006.

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**5-B.**

**After:** View from Ledgerrock Way and Main Street, southwest of subject property, showing proposed 120' monopole. Photo taken 04.01.2006.

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**Before:** View from Northbriar Road and Main Street, southwest of subject property, showing balloon flown at 120'. Photo taken 04.01.2006.

